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District Council.

ANNUAL REPORT

of the
Medical Officer of Health
for the

Year 1952,

together with the Report of the
Sanitary Inspectors

A. McInnes, M.B., Ch.B., D.P.H.

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Oundle & Thrapston Rural District Council.

<i>Chairman of the Council</i>	A. FLETTON, ESQ.
<i>Vice-Chairman of the Council</i>	.....	.....	.....	.....	W. WOODIN, ESQ.
<i>Chairman, Public Health Committee</i>	.....	.....	.....	.....	L. BAXTER, ESQ.
<i>Vice-Chairman, Public Health Committee</i>	R. H. WARD, ESQ.

<i>Clerk of the Council</i>	H. H. HASSALL.
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PUBLIC HEALTH OFFICERS.

<i>Medical Officer of Health</i>	A. MCINNES, M.B., Ch.B., D.P.H.
<i>Sanitary Inspectors</i>	S. PARGETER, C.R.S.I. B. LEWIS, M.R.S.I., A.I.Hsg.
<i>Sanitary Surveyor</i>	.....	.....	.....	.....	F. T. JENNINGS, A.I.A.S.

COUNCIL OFFICES,
THRAPSTON,
KETTERING.
August, 1953.

MR. CHAIRMAN,

The report on the health of the district during 1952 is given herewith. There is steady progress in the aim to provide the 51 villages of the district with a good water supply. Provision of a piped water supply is a relatively straightforward problem if the water is available, and can be made in regional units economical to work. Public sewerage, however, has to be done one by one, and many of the smaller villages are scattered in formation. In dry summers the deficiency of sewerage strikes the senses ; in wet summers little is noticed. With the exceptions of Woodford and King's Cliffe, all the sewage works ante-date the Regional Water Schemes. The existing sewage disposal works at Thrapston and Ringstead are inadequate.

The district has been in existence as a Sanitary Authority for almost eighteen years. Statistics over this period are given for the various criteria by which the health of a district may be judged. The showing is quite satisfactory.

A. MCINNES,
Medical Officer of Health.

SECTION A.

SOCIAL CONDITIONS OF THE AREA AND STATISTICS.

Area in Acres 107,337

PARTICULARS OF SEPARATE DWELLINGS, POPULATION,
RATEABLE VALUE AND THE PRODUCT OF A PENNY
RATE SINCE THE INCEPTION OF THE DISTRICT IN 1935.

	Dwellings.	Population.	Rateable Value.	Product of Penny Rate.
			£	£ s. d.
1935	5,109	16,725	58,721	221 1 1
1936	5,147	16,550	56,517	216 0 0
1937	5,170	16,410	57,023	223 0 0
1938	5,220	16,150	59,032	229 0 0
1939	5,259	16,160	60,457	229 0 0
1940	5,242	16,940	61,756	233 0 0
1941	5,208	18,880	64,018	242 0 0
1942	5,204	17,860	69,521	264 0 0
1943	5,203	17,510	72,207	297 0 0
1944	5,207	17,380	70,697	289 0 0
1945	5,214	16,940	69,380	283 0 0
1946	5,217	17,140	69,399	274 0 0
1947	5,277	17,460	69,920	274 0 0
1948	5,284	17,990	62,883	259 0 0
1949	5,411	18,440	64,125	240 0 0
1950	5,607	18,400	66,496	254 0 0
1951	5,708	18,460	70,029	272 0 0
1952	5,795	18,300	72,052	280 0 0

Births.

Year.	Oundle and Thrapston Rural District.				England and Wales.	
	Live Births.		Still-Births.		Live Births.	Still-Births.
	Number.	Rate per 1,000 Population.	Number.	Rate per 1,000 Live & Still-Births.	Rate per 1,000 Population.	Rate per 1,000 Live & Still-Births.
1935	245	14.5 (Crude)	11	43	14.7	40
1936	250	15.1 "	10	38	14.8	48
1937	231	14.0 "	8	33	14.9	41
1938	253	15.6 "	8	30.6	15.1	37
1939	252	15.7 "	5	19.4	15.0	34
1940	243	14.3 "	9	35.7	14.6	37
1941	277	14.6 "	5	17.7	14.2	35
1942	286	16.0 "	4	13.7	15.8	34
1943	311	17.7 "	5	15.8	16.5	29
1944	351	20.2 "	5	14.0	17.6	25
1945	363	21.4 "	11	29.4	16.1	21
1946	304	17.5 "	16	50.0	19.1	28
1947	368	21.08 "	15	43.0	20.5	N.K.
1948	315	17.51 "	10	38.0	17.9	41
1949	334	18.05 "	20	56.0	16.7	34
1950	343	18.64 "	12	34.0	15.8	33
		20.7 (Std.)				
1951	302	16.36 (Crude)	11	35.0	15.5	26
		18.16(Std.)				
1952	301	16.4 (Crude)	8	26.0	15.3	22.6
		18.0 (Std.)				

The standard Rate for Births is the Crude Rate multiplied by 1.11. The comparative factor of 1.11 for the years 1950, 51 and 52 is begotten by a consideration of age distribution of the population and especially of the distribution at the child-bearing ages. The crude rate is $\frac{\text{No. of Births} \times 1,000}{\text{Population}}$. The full implications of a high still-birth rate

would be difficult to give. A still-birth is defined "still-birth and still-born shall apply to any child that has issued forth from its mother after the 28th week of pregnancy, which did not, at any time after being completely expelled from its mother, breathe or show any other signs of life."

Apart from Toxaemia in the mother, most of the still-births and many of the deaths of children under the age of one year are due to malformations. Where the malformation is gross, there is death before birth. The minor malformed are born and make a fight for life, but start at a disadvantage.

In 18 years births were 5,329 and deaths 3,936, showing a natural increment of 1,393. The Registrar-General gives the population in 1935 as 16,725 and in 1952 as 18,300, an increase of 1,575. The increase of population in 18 years is only 182 more than the excess of births over deaths. This would suggest a stationary population.

Deaths.

Year.	Oundle and Thrapston Rural District.					England and Wales.	
	Number.	Rate per 1,000 Population.	Comparative Factor.	Number under 1.	Rate per 1,000 Births.	Rate per 1,000 Population.	Rate per 1,000 Births of Deaths under 1.
1935	232	13.8 (Crude)	.78	14	57	11.7	57
1936	207	12.5 "	.718	9	36	12.1	59
1937	234	14.2 "	.78	16	69	12.4	58
1938	226	14.0 "	.78	12	47	11.6	53
1939	214	13.2 "	.78	12	47	12.1	50
1940	204	12.0 "	.78	6	24	14.3	55
1941	212	13.0 "	N.K.	8	27	12.9	59
1942	246	11.8 "	N.K.	8	27	11.6	49
1943	220	12.3 "	N.K.	12	38	12.1	49
1944	212	12.2 "	N.K.	11	31	11.6	46
1945	208	12.3 "	N.K.	17	47	11.4	46
1946	220	12.8 "	N.K.	14	46	11.5	43
1947	214	12.6 "	N.K.	6	16.3	12.0	41
1948	167	9.28 "	N.K.	13	25.4	10.8	34
1949	248	13.48 "	.88	9	27.0	11.7	32
1950	229	12.4 "	.87	11	32.0	11.6	29.8
1951	240	13.0 "	.87	11	36.4	11.3	29.6
1952	203	11.1 "	.87	8	26.5	11.3	27.6

SECTION B.

GENERAL HEALTH SERVICES.

(a) **Laboratory Facilities.**

The Public Health Laboratory Service, Northampton and Kettering, examines material submitted by general practitioners in the area, and also carries out the bacteriological examination of water and other samples submitted from this district by the Sanitary Officers.

It also carries out all examinations of milk samples by the Methylene Blue and Phosphatase tests.

Chemical analyses of water supplies and presumptive B. Coli tests are carried out by the Public Analyst, Cambridge.

(b) **Diphtheria Anti-Toxin.**

A supply of anti-toxin is kept at the Council Offices at Oundle and Thrapston, the Rushden Sanatorium, Doddington Road Hospital, Wellingborough, and Thrapston Police Station.

(c) **Ambulances.**

The scheme of ambulance services now available under the National Health Service Act is :—

Islip Ambulance : Aldwinkle, Clapton, Denford, Islip, Lowick, Sudborough, Slipton, Thrapston, Titchmarsh, Thorpe, Twywell, Woodford.

Oundle Ambulance : Ashton, Apethorpe, Barnwell, Benefield, Cotterstock, Fotheringhay, Glapthorn, Hemington, King's Cliffe, Lilford, Luddington, Lutton, Nassington, Pilton, Polebrooke, Southwick, Stoke Doyle, Tansor, Thurning, Wadenhoe, Warmington, Woodnewton, Yarwell.

Higham Ferrers Ambulance : Chelveston-cum-Caldecott.

Irthlingborough Ambulance : Great Addington, Little Addington.

Weldon Ambulance : Blatherwycke, Brigstock, Bulwick, Deene, Deenethorpe, Fineshade, Harringworth, Laxton, Wakerley.

Raunds Ambulance : Hargrave, Ringstead.

Ambulance for Infectious Diseases.

Ambulances for the removal of infectious disease cases during 1952 were stationed at Harborough Road Hospital, Northampton.

An arrangement is in force whereby the Peterborough Ambulance serves the Northern Parishes.

National Assistance Act, 1948.

Section 47 of this Act, which came into operation on July 5th, 1948, confers on all Sanitary Authorities the power to remove to a suitable hospital or other place, persons who :—

- (a) are suffering from grave chronic disease, or, being aged, infirm or physically incapacitated, are living in insanitary conditions ; and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention.

No formal action under this Act was required to be taken during the year 1952.

Under Section 50 of the Act the Council are responsible for the burial of persons, where no other arrangements have been made.

SECTION C.

SANITARY CIRCUMSTANCES OF THE DISTRICT.

Water Supply.

Of the 51 parishes in the district, 33 are supplied with main water from No. 1 Regional supply at Woodford, or No. 2 Regional supply at Barnwell. A well at Thrapston supplements Regional No. 1 source. Brigstock is supplied from a well in the parish.

Analyses.

During the year, 101 samples were submitted for chemical and bacteriological examinations.

Southern Area.

Chemical.

THRAPSTON WATER SUPPLY.

Sample of Water labelled " Main Water Supply, taken from a tap in Market Road, Thrapston " received on the 18th December, 1952, from Oundle and Thrapston Rural District Council.

Physical Characters	...	...	...	...	Slight deposit, otherwise good
Reaction	...	...	...	...	pH 7.2
The sample contained :	Parts per 100,000				
Chlorine	...	...	...	...	2.95
Ammonia (Free and Saline)	...	...	...	...	absent
Ammonia (Albuminoid)	...	...	...	...	0.0042
Oxygen absorbed in 3 hrs. at 37° C.	...	...	...	...	0.0317
Nitrates (expressed as Nitrogen)	...	...	...	...	0.85
Nitrites	...	...	...	...	absent
Poisonous Metals	...	...	...	...	absent
Total Hardness	...	...	...	...	36.8

BACTERIOLOGICAL EXAMINATION.

Coliform organisms absent in 100 mls.

Number of micro-organisms per ml. developing on Agar at 37° C.=*nil*.

Number of micro-organisms per ml. developing on Agar at 21° C.=*nil*.

MICROSCOPICAL EXAMINATION OF DEPOSIT.

Mainly mineral matter.

INFERENCE.—The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter.

I am of opinion that this water is fit for drinking purposes. More efficient filtration of this water is to be recommended.

S. GREENBURGH,

22nd December, 1952.

Public Analyst.

BRIGSTOCK WATER SUPPLY.

Sample of Water labelled " Main Water Supply taken from a tap, High Street, Brigstock " received on the 19th May, 1952, from Oundle and Thrapston Rural District Council.

Physical Characters	...	...	...	...	...	Good
Reaction	...	...	...	...	...	pH 7.0
The sample contained :	Parts per 100,000					
Chlorine	...	...	...	...	...	3.25
Ammonia (Free and Saline)	...	...	...	...	...	absent
Ammonia (Albuminoid)	...	...	...	...	...	0.0006
Oxygen absorbed in 3 hrs. at 37° C.	...	...	...	...	...	0.0198
Nitrates (expressed as Nitrogen)	...	...	...	...	...	0.25
Nitrites	...	...	...	...	...	absent
Poisonous Metals	...	...	...	...	...	absent
Total Hardness	...	...	...	...	...	39.2

BACTERIOLOGICAL EXAMINATION.

Coliform organisms absent in 100 mls.

Number of micro-organisms per ml. developing on Agar at 37° C.=*nil*.

Number of micro-organisms per ml. developing on Agar at 21° C.=8.

MICROSCOPICAL EXAMINATION OF DEPOSIT.

None.

INFERENCE.—The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter.

I am of opinion that this water is fit for drinking purposes.

S. GREENBURGH,

26th May, 1952.

Public Analyst.

SUDBOROUGH WATER SUPPLY.

Sample of Water labelled " Main Water Supply taken from a tap at High Street Sudborough " received on the 3rd November, 1952, from Oundle and Thrapston Rural District Council.

Physical Characters	...	...	...	...	...	Good
Reaction	...	...	...	...	...	pH 7.3
The sample contained :					Parts	per 100,000
Chlorine	...	...	...	...	...	6.2
Ammonia (Free and Saline)	...	...	...	...	...	0.0004
Ammonia (Albuminoid)	...	...	...	...	...	0.0078
Oxygen absorbed in 3 hrs. at 37° C.	...	...	...	...	...	0.0435
Nitrates (expressed as Nitrogen)	...	...	...	...	...	0.25
Nitrites	...	...	...	...	...	absent
Poisonous Metals	...	...	...	...	...	absent
Total Hardness	...	...	...	...	...	37.0

BACTERIOLOGICAL EXAMINATION.

Coliform organisms absent in 100 mls.

Number of micro-organisms per ml. developing on Agar at 37° C.=*nil*.

Number of micro-organisms per ml. developing on Agar at 21° C.=9.

MICROSCOPICAL EXAMINATION OF DEPOSIT.

None.

INFERENCE.—The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter.

I am of opinion that this water is fit for drinking purposes.

S. GREENBURGH,

7th November, 1952.

Public Analyst.

Bacteriological.

Village.	Date.	Probable No. of Coliform Bacilli		Probable No. of Faecal Coli		Remarks.
		MacConkey 2days 37°C.	2days 37°C.	MacConkey 2days 44°C.	2days 44°C.	
ALDWINCLE	... 23. 6.52	...	0/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Very Satisfactory
BRIGSTOCK	... 12. 2.52	...	0/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Very Satisfactory
"	... 12. 2.52	...	0/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Very Satisfactory
"	... 12. 2.52	...	14/100 c.c. ...	8/100 c.c. ...	8/100 c.c. ...	Unsatisfactory water with evi- dence of slight faecal pollution.
"	... 10.11.52	...	2/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Satisfactory.
"	... 8.12.52	...	0/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Very Satisfactory
"	... 8.12.52	...	2/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Satisfactory
DENFORD	... 14. 1.52	...	7/100 c.c. ...	0/100 c.c. ...	0/100 c.c. ...	Slightly suspicious count but no evi- dence of faecal pollution.

UNFORD	...	28. 1.52	...	8/100 c.c.	...	0/100 c.c.	...	Slightly suspicious count but no evidence of faecal pollution.
"	...	10. 3.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
GREAT ADDINGTON	14.	1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	28. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 3.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	20. 5.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 9.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
LT. ADDINGTON	...	14. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	28. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 3.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	20. 5.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 9.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
PILTON	...	23. 6.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
RINGSTEAD	...	14. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	28. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	12. 2.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 3.52	...	0/100 c.c.	...	0/100 c.c.	...	Suspicious count but no evidence of faecal pollution.
"	...	23. 2.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
SUDBOROUGH	...	10. 9.52	...	25/100 c.c.	...	0/100 c.c.	...	Unsatisfactory count but no evidence of faecal pollution.
"	...	10.11.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	8.12.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
THORPE								
WATERVILLE	...	21. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
THORPE								
ACHURCH	...	23. 6.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
THRAPSTON	...	14. 1.52	...	2/100 c.c.	...	0/100 c.c.	...	Satisfactory.
"	...	21. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	28. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	12. 2.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 3.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	20. 5.52	...	2/100 c.c.	...	0/100 c.c.	...	Satisfactory.
"	...	23. 6.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 9.52	...	2/100 c.c.	...	0/100 c.c.	...	Satisfactory.
"	...	10.11.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	8.12.52	...	2/100 c.c.	...	0/100 c.c.	...	Satisfactory.
TITCHMARSH	...	21. 1.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 3.52	...	2/100 c.c.	...	0/100 c.c.	...	Satisfactory.
WADENHOE	...	23. 6.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
WOODFORD	...	20. 5.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	20. 5.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.
"	...	10. 9.52	...	0/100 c.c.	...	0/100 c.c.	...	Very Satisfactory.

Northern Area.

Chemical.

CERTIFICATE OF ANALYSIS.

Sample of Water labelled "Regional Supply No. 2, taken from tap at Fotheringhay" received on the 23rd of June 1952, from Oundle and Thrapston Rural District Council.

Physical Characters	...	...	...	...	...	Good
Reaction	...	...	...	...	...	pH 7.3
The sample contained :—						Parts per 100,000
Chlorine	...	...	...	...	...	4.9
Ammonia (Free and Saline)	...	...	...	...	...	absent
Ammonia (Albuminoid)	...	...	...	...	...	0.0016

Oxygen absorbed in 3 hrs. at 37°C.	...	...	...	0.0663
Nitrates (expressed as Nitrogen)	...	...	...	0.05
Nitrites	...	...	...	absent
Poisonous Metals	...	...	...	absent
Total Hardness	...	...	...	31.1

BACTERIOLOGICAL EXAMINATION

Coliform organisms absent in 100 mls.

Probable number of B. Coli in 100 mls.

Number of micro-organisms per ml. developing on Agar at 37°C.=*nil.*

Number of micro-organisms per ml. developing on Agar at 21°C.=*nil.*

MICROSCOPICAL EXAMINATION OF DEPOSIT.

None.

INFERENCE.—The results obtained on the analysis of this sample do not show any evidences of pollution with harmful organic or inorganic matter.

I am of opinion that this water is fit for drinking purposes.

S. GREENBURGH,

Public Analyst.

30th June, 1952.

Bacteriological.

Village.	Date.		Probable	No. of	Probable	Remarks.
			Coliform	Bacilli	No. of Faecal	
			MacConkey		Coli	
			2 days 37 C.		MacConkey	
					2 days 44 C.	
BARNWELL	... 28. 1.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 25. 2.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 12. 5.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 22.12.52	...	5/100mls.	...	0/100mls.	Slightly suspicious count but no evidence of faecal pollution (flood period).
NASSINGTON	... 28. 1.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 25. 2.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 7. 4.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
STOKE DOYLE	... 25. 2.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 7. 4.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 12. 5.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 9. 6.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 14. 7.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 18. 8.52	...	5/100mls.	...	0/100mls.	Slightly suspicious count but no evidence of faecal pollution.
"	... 15. 9.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 20.10.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 22.12.52	...	900/100mls.	...	8/100mls.	Very Unsatisfactory water with evidence of slight faecal pollution (flood period).
WARMINGTON	... 12. 7.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 20.10.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 1.12.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
WOODNEWTON	... 28. 1.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 25. 2.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 7. 4.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 12. 5.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 9. 6.52	...	0/100mls.	...	0/100m's.	Very Satisfactory.
"	... 14. 7.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 18. 8.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 15. 9.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 20.10.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.
"	... 1.12.52	...	0/100mls.	...	0/100mls.	Very Satisfactory.

YARWELL	...	7. 4.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	12. 5.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	9. 6.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	14. 7.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	18. 8.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	15. 9.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	20.10.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	1.12.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.

Private Supplies.

Bacteriological.

APETHORPE	...	9. 6.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	27.10.52	...	2/100mls.	...	0/100mls.	...	Satisfactory water
DUDDINGTON	...	11. 2.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	20. 5.52	...	13/100mls.	...	0/100mls.	...	Suspicious count but no evidence of faecal pollution.
"	...	28. 7.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	22. 9.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
"	...	1.12.52	...	0/100mls.	...	0/100mls.	...	Very Satisfactory.
EASTON-ON-THE HILL	...	11. 2.52	...	11/100mls.	...	0/100mls.	...	Slightly suspicious count but no evidence of faecal pollution.
"	...	20. 5.52	...	8/100mls.	...	0/100mls.	...	" " "
"	...	30. 6.52	...	13/100mls.	...	0/100mls.	...	" " "
"	...	28. 7.52	...	8/100mls.	...	0/100mls.	...	" " "
"	...	27.10.52	...	13/100mls.	...	0/100mls.	...	" " "
NASSINGTON	...	18. 8.52	...	2/100mls.	...	0/100mls.	...	Satisfactory.

DETAILS OF WATER SUPPLIES AND

Parish.	Population, 1931 Census.	Total No. of houses in Parish.	No. of Houses Served.	Stand Pipes.	Springs.	Wells.	Sources.	Reservoirs.
			Water laid on.					Site.
OUNDLAND AND THRAPSTON (Northern Area).								
Apethorpe ...	200	56	48	—	Yes	—	Apethorpe ...	...
Ashton ...	188	52	43	—	—	Yes	Ashton ...	...
Barnwell ...	293	143	109	26	—	Yes	Hemington ...	...
Blatherwycke ...	92	31	2	—	—	Yes	...	...
Benefield ...	343	122	40	67	—	—	M.N.W.B., Benefield	...
Bulwick ...	201	60	—	—	—	—	...	...
Collyweston ...	412	185	45	14	—	Yes	Collyweston ...	...
Cotterstock... ..	117	38	28	10	—	Yes	Ashton Wold ...	...
Deene	135	41	—	—	—	—	...	...
Deenethorpe ...	85	32	—	—	—	—	...	...
Duddington ...	223	81	8	25	—	Yes	Collyweston ...	...
Easton-on-the-Hill ...	814	266	22	195	Yes	—	Easton ...	...
Fineshade ...	47	23	—	—	—	—	...	...
Fotheringhay ...	213	57	30	6	—	Yes	Ashton Wold ...	...
Glapthorn ...	223	86	44	27	—	Yes	Ashton Wold ...	...
Harringworth ...	221	66	—	—	—	—	...	...
Hemington ...	122	30	12	18	—	Yes	Hemington ...	...
King's Cliffe ...	884	310	187	104	Yes	—	Apethorpe ...	...
Laxton ...	108	32	—	8	—	Yes	Harringworth ...	...
Lutton ..	113	47	30	14	—	Yes	Hemington ...	...
Nassington ...	491	154	78	46	—	Yes	Ashton Wold ...	...
Polebrook ...	337	96	66	25	—	Yes	Hemington ...	...
Southwick ...	171	51	31	—	—	Yes	Ashton Wold ...	...
Stoke Doyle ...	96	31	25	5	—	Yes	Hemington ...	...
Tansor... ..	176	55	31	15	—	Yes	Ashton Wold ...	...
Wakerley ...	104	33	—	—	—	—	...	...
Warmington ...	517	181	131	40	—	Yes	Hemington ...	...
Woodnewton ...	225	84	50	17	—	Yes	Ashton Wold ...	...
Yarwell ...	248	143	38	12	—	Yes	Ashton Wold ...	...
* Temporary Housing Units with adequate sewage								
OUNDLAND AND THRAPSTON (Southern Area).								
Aldwinckle ...	353	114	59	42	Yes	Yes	Woodford ...	...
Brigstock ...	1161	332	202	108	No	Yes	Brigstock ...	...
Chelveston ...	335	111	62	44	No	Yes	Woodford ...	...
Clapton ...	97	40	24	5	No	Yes	Hemington ...	...
Denford ...	306	101	36	57	Yes	Yes	Woodford ...	...
Great Addington ...	976	91	39	34	Yes	Yes	Woodford ...	...
Hargrave ...	215	66	26	39	No	Yes	Raunds ...	...
Islip	685	218	162	51	Yes	No	Islip (private)	...
Lilford-cum-Wigsthorpe ...	130	41	28	9	No	Yes	Woodford & Hemingt	...
Little Addington ...	271	90	45	42	Yes	Yes	Woodford ...	...
Lowick ...	388	112	34	51	No	Yes	Woodford ...	...
Luddington ...	71	21	6	14	No	Yes	Hemington ...	...
Pilton	82	25	13	5	No	Yes	Woodford & Hemingt	...
Ringstead ...	995	299	242	46	Yes	Yes	Woodford ...	...
Sudborough ...	220	65	54	9	Yes	Yes	Woodford ...	...
Thorpe Achurch ...	164	55	28	23	Yes	Yes	Woodford ...	...
Thrapston ...	1927	588	384	190	No	Yes	Thrapston ...	...
Thurning ...	94	37	19	16	No	Yes	Hemington ...	...
Titchmarsh... ..	558	191	91	94	Yes	Yes	Woodford & Thrapsto	...
Twywell ...	367	122	33	76	Yes	Yes	Woodford ...	...
Wadenhce ...	135	42	29	7	Yes	Yes	Woodford ...	...
Woodford ...	1474	423	317	101	Yes	Yes	Woodford ...	...

SEWERAGE IN EACH VILLAGE.

Capacity (gallons).	Non-Piped Water Supplies.			Private Supplies.			Is an adequate sewerage system provided for house drainage.	Drainage and No. of houses with drains discharging			Sewerage. Closet Accom. No. of houses with		
	Wells.	Springs.	No. of houses served.	Wells.	Springs.	No. of houses served.		Surface Water	Drains.	Sewers.	W.C.s	Pail Closets	Privy Midden.
25,000	—	—	—	1	1	8	Yes	—	44	46	10	—	—
20,000	—	—	—	6	—	9	Yes	—	36	45	7	—	—
30,000	—	—	—	5	—	8	No	78	*29	76	67	—	—
	1	—	16	3	2	13	No	1	—	4	19	8	—
26,000	—	—	—	6	1	15	No	59	*11	31	91	—	—
	—	—	—	11	3	60	No	42	—	9	45	6	—
60,000	1	—	10	43	2	116	No	42	*45	53	132	—	—
60,000	—	—	—	—	—	—	No	26	—	6	32	—	—
	1	—	25	5	1	16	Yes	—	37	8	31	2	—
	2	—	19	6	2	13	No	20	—	8	20	4	—
60,000	1	—	6	16	—	42	No	30	—	12	67	2	—
13,000	—	—	—	22	—	49	No	31	—	38	228	—	—
	—	—	—	3	1	23	No	—	—	9	14	—	—
60,000	—	—	—	12	—	21	No	2	—	21	36	—	—
60,000	—	1	1	10	—	14	No	42	—	12	67	7	—
	—	—	—	8	7	66	No	32	—	12	54	—	—
60,000	—	—	—	—	—	—	No	15	—	6	24	—	—
25,000	—	—	—	6	4	19	Yes	—	227	201	99	10	—
60,000	—	—	—	6	1	24	No	—	—	7	25	—	—
60,000	—	—	—	2	—	3	No	22	—	13	30	4	—
60,000	—	2	9	15	2	21	No	50	—	27	125	2	—
60,000	—	—	—	2	—	5	No	34	—	35	60	1	—
60,000	—	—	—	11	3	20	No	5	—	11	40	—	—
60,000	—	—	—	1	—	1	No	22	—	6	25	—	—
60,000	—	—	—	5	—	9	No	28	—	18	37	—	—
	—	—	—	2	1	33	No	14	—	6	27	—	—
60,000	—	—	—	7	—	10	No	125	—	41	132	8	—
60,000	—	—	—	5	—	17	No	53	—	21	63	—	—
60,000	—	—	—	15	2	93	No	13	*63	89	52	2	—
Usual arrangements provided by former users—Military Authorities.													
60,000	—	—	—	8	—	13	No	95	—	32	70	12	—
25,000	—	—	—	7	2	22	Yes	—	286	274	58	—	—
	—	—	—	4	—	5	No	93	—	51	60	—	—
60,000	—	—	—	6	—	11	No	23	—	7	33	—	—
	—	—	—	5	—	8	No	—	52	41	53	7	—
60,000	—	—	—	11	—	18	No	—	84	83	58	—	—
60,000	—	—	—	1	—	1	No	62	—	16	50	—	—
60,000	—	—	—	3	—	5	Yes	—	206	205	10	3	—
	—	—	—	3	—	4	No	26	—	8	31	2	—
60,000	—	—	—	2	—	3	No	—	81	43	46	1	—
60,000	12	—	27	—	—	—	No	106	—	29	83	—	—
	—	—	—	1	—	1	No	—	—	4	17	—	—
	—	—	—	3	—	7	No	18	—	4	11	10	—
	—	—	—	4	—	11	Yes	—	286	295	2	2	—
	—	—	—	2	—	2	No	48	—	16	49	—	—
0,000	—	—	—	2	—	4	No	29	—	24	28	3	—
	—	—	—	12	—	14	Yes	—	584	581	7	—	—
	—	—	—	2	—	2	No	32	—	4	31	2	—
	—	—	—	4	—	6	No	165	—	42	92	57	—
	—	—	—	7	—	13	No	—	111	68	48	6	—
	—	—	—	3	—	6	No	37	—	8	32	2	—
	—	—	—	2	—	5	Yes	—	418	418	5	—	—

Public Cleansing.

The following table shows the arrangements in force during 1952 :—

<i>Parish.</i>					<i>Interval of Collection.</i>
Thrapston ... ..	...	...	...	...	Weekly
Woodford ... ..	...	...	...	...	"
Aldwinckle ... ..	...	...	...	...	Fortnightly
Barnwell ... ..	...	...	...	...	"
Brigstock ... ..	...	...	...	...	"
Chelveston ... ..	...	...	...	...	"
Clapton ... ..	...	...	...	...	"
Collyweston ... ..	...	...	...	...	"
Denford ... ..	...	...	...	...	"
Duddington ... ..	...	...	...	...	"
Easton-on-the-Hill ... ..	...	...	...	...	"
Great Addington ... ..	...	...	...	...	"
Hargrave ... ..	...	...	...	...	"
Islip ... ..	...	...	...	...	"
King's Cliffe ... ..	...	...	...	...	"
Little Addington ... ..	...	...	...	...	"
Lowick ... ..	...	...	...	...	"
Nassington ... ..	...	...	...	...	"
Ringstead ... ..	...	...	...	...	"
Slipton ... ..	...	...	...	...	"
Sudborough ... ..	...	...	...	...	"
Thorpe ... ..	...	...	...	...	"
Titchmarsh ... ..	...	...	...	...	"
Twywell ... ..	...	...	...	...	"
Warmington ... ..	...	...	...	...	"
Woodnewton ... ..	...	...	...	...	"
Yarwell ... ..	...	...	...	...	"
Achurch ... ..	...	...	...	...	Monthly
Apethorpe ... ..	...	...	...	...	"
Ashton ... ..	...	...	...	...	"
Benefield ... ..	...	...	...	...	"
Blatherwycke ... ..	...	...	...	...	"
Bulwick ... ..	...	...	...	...	"
Cotterstock ... ..	...	...	...	...	"
Deene ... ..	...	...	...	...	"
Deenethorpe ... ..	...	...	...	...	"
Fineshade ... ..	...	...	...	...	"
Fotheringhay ... ..	...	...	...	...	"
Glaphthorn ... ..	...	...	...	...	"
Harringworth ... ..	...	...	...	...	"
Hemington ... ..	...	...	...	...	"
Laxton ... ..	...	...	...	...	"
Lilford-cum-Wigsthorpe ... ..	...	...	...	...	"
Luddington ... ..	...	...	...	...	"
Lutton ... ..	...	...	...	...	"
Pilton ... ..	...	...	...	...	"
Polebrook ... ..	...	...	...	...	"
Southwick ... ..	...	...	...	...	"
Stoke Doyle ... ..	...	...	...	...	"
Tansor ... ..	...	...	...	...	"
Thurning ... ..	...	...	...	...	"
Wadenhoe ... ..	...	...	...	...	"
Wakerley ... ..	...	...	...	...	"

Shops and Offices.

The Shops Act, 1950, has been enforced throughout the area during the year. The number of shops in the district is 135.

Sanitary Authorities are required to enforce the sections of the Act relating to ventilation, conveniences, temperature, lighting and washing facilities.

Moveable Dwellings.

No area in the district is licensed as a site for camping purposes.

Five licences are in force authorising the use of moveable dwellings in various parts of the district.

Swimming Baths.

There are no public swimming baths in this area.

Elementary Schools.

There are 37 schools in use in the district.

The denominational schools of the district are aged in structure and deficient in amenities. They are almost all on one architectural plan whereby the schoolrooms extend to the roof for a height of 18-20 feet into the rafters and beams. All this affords ledges for the collection of dust, which being out of sight is out of mind. The cubic capacity as compared to the floor area of the rooms makes adequate heating almost impossible.

In a number of schools the children's toilet rooms with their hand basins and array of towels are badly placed, badly arranged, and more conducive to the spread of infection than to its prevention.

Factories Act, 1937.

There are seven factories in the district which employ outworkers.

The numbers of outworkers are as follows :—

Wearing Apparel	.....	.....	.....	93
Toys	.....	.....	.....	47
Shoes	.....	.....	.....	12
Total				152

Details of the administration of this Act are given in the following tables :—

1.—Inspections for purposes of provisions as to health (made by Sanitary Inspectors).

<i>Premises</i> (1)	<i>Number on Register</i> (3)	<i>Number of</i>		
		<i>Inspections</i> (4)	<i>Written notices</i> (5)	<i>Occupiers prosecuted</i> (6)
(i) Factories in which Section 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	6	7	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	71	66	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority	—	—	—	—
TOTAL	77	73	—	—

2.—Cases in which Defects were found.

Particulars. (1)	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted. (7)
	Found. (3)	Remedied. (4)	Referred To H.M. Inspector. (5)		By H.M. Inspector (6)
Want of cleanliness S.1.	6	6	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temp. (S.3)	2	2	—	—	—
Inadequate ventilation (S.4)	1	1	—	—	—
Ineffective drainage of floors (S.6)					
Sanitary Conveniences (S.7)					
(a) Insufficient ...	2	1	—	2	—
(b) Unsuitable or defective ...	9	6	—	1	—
(c) Not separate for sexes ...	1	—	—	—	—
Other offences against the Act (not including offences relating to Outwork)	1	1	—	1	—
TOTAL	22	17	—	4	—

SECTION D.

HOUSING.

1. Provision of New Housing Accommodation.—

(a) PERMANENT HOUSES:

Number of post-war houses erected by local authority up to 31/12/52	339
Number of post-war houses erected by local authority during 1952	61
Number of post-war houses under construction by local authority at 31/12/1952	90

(b) TEMPORARY HOUSES:

Number completed as at 31/12/1952	40
--	----

(c) CONVERSIONS AND ADAPTATIONS:

Number completed as at 31/12/1952	193
(emergency housing)	

2. UNFIT HOUSES:

Number of houses subject to Demolition Order or Clearance Order, still occupied under licence or otherwise	39
---	----

Number of unfit houses dealt with under Housing Act, 1936

BY DEMOLITION ORDER PROCEDURE :

Post-war up to 31/12/1951	15
During 1952	6

CLEARANCE AREA PROCEDURE:

Post-war up to 31/12/1951	nil
During 1952	29

Number of unfit houses to be dealt with

By Demolition Order procedure	} 945
By Clearance Area procedure	

3. Number of Houses overcrowded 3

4. Number of applicants for new houses 498

5. Improvement Grants, Part III, Housing Act, 1949.	
Applications received by local authority	6
Applications approved by local authority	4
Applications rejected by local authority	2
Applications forwarded to Ministry	6
Applications approved by Ministry	4
Applications rejected by Ministry	2
Applications under consideration	7

1. Inspection of Dwelling-houses during the year.

1. (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	379
(b) Number of inspections made for the purpose	625
2. (a) Number of dwelling-houses (included under sub-head one above) which were inspected and reported under the Housing Consolidated Regulations, 1925/32.	
(b) Number of inspections made for the purpose	
3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	} Detailed Survey previously recorded
4. Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	

2. Remedy of Defects during the year without service of formal notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	245
--	-----

3. Action under Statutory Powers during the year.

A. Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :—	
1. Number of dwelling-houses in respect of which notices were served requiring repairs	3
2. Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	3
(b) By local authority in default of owners	—
B. Proceedings under Public Health Acts :—	
1. Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	28
2. Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners	26
(b) By local authority in default of owners	—
C. Proceedings under sections 11 and 13 of the Housing Act, 1936 :—	
1. Number of dwelling-houses in respect of which demolition orders were made or an undertaking accepted	6
2. Number of dwelling-houses demolished in pursuance of demolition orders	2
D. Proceedings under Section 12 of the Housing Act, 1936 :—	
1. Number of separate tenements or underground rooms in respect of which closing orders were made	—
2. Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenement or room having been rendered fit	—

4. Housing Act, 1936—Overcrowding.

No detailed overcrowding survey was carried out during the year.

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.

Food and Drugs Act, 1938.

The conditions at food premises in this district are, in general, good.

Increasing use is being made of detergents and sterilisers in the cleaning of food equipment and utensils.

Milk Supply.

The Council enforces the Milk and Dairies Regulations, 1949, in respect of milk retailers who are not producers. There are four distributors registered by the Council and 81 producer-retailers in the district registered by the Ministry of Agriculture.

Eighteen licences under the Milk (Special Designations) Regulations have been issued for the sale within the area of Tuberculin Tested Milk, and pasteurised milk which has been heat-treated at Dunchurch, Kettering, Peterborough, Wellingborough and Rushden respectively.

There are no Milk pasteurisation plants in the district.

Meat Inspection.

All animals intended for sale for food in this area are slaughtered in abattoirs at Rushden, Kettering, Stamford and Peterborough. All such meat is inspected at the abattoirs by the Sanitary Officers in these districts. No unsound carcass meat has been offered for sale in this area.

A humane killer is kept at the Council Offices, Thrapston, and is available for the slaughter of animals.

Seven licences for slaughter of animals exist in the district.

Ice Cream.

At the end of the year, two premises were registered under the Food and Drugs Act for the manufacture of ice-cream by the "complete cold-mix" method, and 53 for the storage and sale of ice-cream. There are no heat treatment process plants for ice-cream in this area.

The provisions of the Ice-Cream (Heat Treatment) Regulations have been complied with at all registered premises. Bacteriological examinations of this food are carried out as necessary at the Public Health Laboratory, Northampton.

Preserved Foods.

The number of premises registered by the Council for the preparation or manufacture of preserved foods is 18.

Food Adulteration.

Duties in connection with the sampling of food and drugs for analysis as to composition are carried out by the County Council.

Food Poisoning.

There were no cases of food poisoning notified during the year.

Unsound Food.

Food trades throughout the district are, in general, only too anxious to ensure the sale of sound food under good conditions and readily avail themselves of advice in connection with suspected foodstuffs.

This co-operation has resulted in the voluntary surrender by traders of any food unfit for human consumption, and no statutory proceedings have been taken under the Food and Drugs Act.

The following unsound food was surrendered and destroyed :—

Tinned Food	...	...	...	...	126	lbs.
Tinned Meat	...	...	...	...	32	lbs.
Cheese	...	...	...	...	18	lbs.
Bacon	...	...	...	...	22	lbs.
TOTAL					198	lbs.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES

Diphtheria.

No cases were notified. This is the sixth successive year when no cases have occurred in the district.

It is now just over ten years since the national campaign for Immunisation was begun. Immunisation was practised in Canada and the United States long before its value was appreciated in this country. In 1936 the death rate of children during the ages of 1—15 years from Diphtheria was 2.1 per 100,000 of the population in New York and 31.8 per 100,000 in England and Wales. In 1937 there were 61,339 cases notified in England and Wales with 2,963 deaths. By immunisation, New York reduced the figures of 8,548 cases with 463 deaths in 1929 to 1,143 cases with 35 deaths in 1936. Since immunisation as part of a National Plan was started in this country the results have been spectacular. In 1941, 50,797 cases were notified with 2,641 deaths and for ten years before this the average number of cases a year were round about 60,000 with an average death roll of 3,115. In 1950 the number of cases had fallen to 980 with 49 deaths and in 1952 to 340 cases with 31 deaths. The table below shows the decline during a period :—

Year	Deaths	Cases	Percentage Deaths: Cases
1940	2,480	46,281	5
1941	2,641	50,797	5
1942	1,827	41,404	4.4
1943	1,371	34,662	4.0
1944	934	29,949	3.1
1945	722	25,246	2.8
1946	472	18,283	2.6
1947	244	10,465	2.3
1948	150	8,034	1.9
1949	84	1,890	4.4
1950	49	980	5.0
1951	33	664	5.0
1952	31	340	9.0

This table also shows that the number of deaths expressed as a percentage of the total number of cases notified has shown a decline until 1949 when the percentage was about the same as 1940 and 1942 ; 1952 shows a very definite increase.

Another table below shows how much better is the outlook in the immunised than in the non-immunised.

Year.	No. of Cases under 15.	No. of patients who had full course of Immunisation	No. of Deaths under 15 Diphtheria.	No. of Deaths fully Immunised	Case fatality per 1,000 Non-Immunised	
1945	12,514	4,431	593	36	68.9	8.1
1946	7,719	2,723	325	15	62.0	5.5
1947	3,941	1,287	198	16	68.6	12.4
1948	2,431	788	126	6	73.0	7.6
1949	1,322	435	63	4	66.5	9.2

HISTORY OF DIPHTHERIA. Old Thrapston R.D.

Year.	Notified.	Rate per 1,000 Pop. Rural District.	Rate per 1,000 England & Wales.	Deaths in the Rural District.
1924	66	5.8	1.05	0
1925	11	0.9		0
1926	5	0.49		1
1927	6	0.59		1
1928	0	0.00		0
1929	7	0.69	1.59	0
1930	5	0.49	0.84	2
1931	6	0.60	1.27	1
1932	0	0.00	1.08	0
1933	0	0.00	1.18	0
1934	1	0.10	1.70	0

Oundle and Thrapston R.D.

1935	1	0.06	1.6	1
1936	1	0.06	1.39—	0
1937	0	0.00	1.49	0
1938	24	1.45		4
1939	13	0.80	1.14	0
1940	2	0.17	1.16	0
1941	0	0.00	1.25	0
1942	0	0.00	1.05	0
1943	0	0.00	0.88	0
1944	6	0.28	0.58	0
1945	0	0.00	0.46	0
1946	4	0.23	0.28	0
1947	0	0.00	0.13	0
1948	0	0.00	0.08	0
1949	0	0.00	0.04	0
1950	0	0.00	0.02	0
1951	0	0.00	0.02	0
1952	0	0.00	0.01	0

SCARLET FEVER.

There were 2 cases during the year as compared with 13 for the previous year.

MEASLES.

There were 207 cases notified during 1952, compared with 238 in 1951.

WHOOPING COUGH.

The number of notified cases was 69 as compared with 50 in 1951.

DYSENTERY.

No cases were notified.

POLIOMYELITIS.

There was one case in the district during the year. In the previous year two cases were notified.

<i>Date.</i>	<i>Parish.</i>	<i>Sex.</i>	<i>Age.</i>	<i>Remarks.</i>
1st October	Stoke Doyle	Male	23 years	Paralytic (died)

NOTIFICATIONS.

The following tables indicate the nature of the various diseases notified, and the parishes of origin :—

	Measles	Pneumonia	Scarlet Fever	Ophthalmia Neonatorum	Whooping Cough (Pertussis)	Polomyelitis	Erysipelas	Cerebro Spinal Meningitis	TOTAL
Aldwincle ...	9	—	—	—	7	—	—	—	16
Apethorpe ...	4	1	—	—	—	—	—	—	5
Ashton ...	4	—	—	—	—	—	—	—	4
Barnwell ...	4	—	—	—	1	—	—	—	5
Be nefield ...	4	—	—	—	—	—	—	—	4
Blatherwycke ...	—	—	—	—	—	—	—	—	—
Brigstock ...	—	—	—	—	—	—	—	—	—
Bulwick ...	—	—	—	—	2	—	—	—	2
Chelveston ...	—	—	—	—	—	—	—	—	—
Clapton ...	1	—	—	—	—	—	—	—	1
Collyweston ...	10	—	—	—	1	—	—	—	11
Cotterstock ...	1	—	—	—	—	—	—	—	1
Deene ...	—	—	—	—	—	—	—	—	—
Deenethorpe ...	1	—	—	—	—	—	—	—	1
Denford ...	—	—	—	—	—	—	—	—	—
Duddington ...	35	1	—	—	11	—	—	—	47
Easton-on-the-hill	7	2	—	—	2	—	—	—	11
Fineshade ...	2	—	—	—	—	—	—	—	2
Fotheringhay ...	—	—	—	—	—	—	—	—	—
Glaphorn ...	1	—	—	—	—	—	—	—	1
Great Addington	—	—	—	—	—	—	—	—	—
Hargrave ...	—	—	—	—	1	—	—	—	1
Harringworth ...	—	—	—	—	—	—	—	—	—
Hemington ...	—	—	—	—	—	—	—	—	—
Islip ...	—	—	—	—	10	—	—	—	10
King's Cliffe ...	—	—	—	—	—	—	—	—	—
Laxton ...	1	—	—	—	—	—	—	—	1
Lilford-cum- Wigsthorpe ...	11	1	—	—	—	—	—	—	12
Little Addington	1	—	—	—	—	—	—	—	1
Lowick ...	—	—	—	—	1	—	—	—	1
Luddington ...	—	—	—	—	—	—	—	—	—
Lutton ...	—	—	—	—	—	—	—	—	—
Nassington ...	9	—	—	—	—	—	—	—	9
Pilton ...	2	—	—	—	—	—	—	—	2
Polebrook ...	6	—	—	—	—	—	—	—	6
Ringstead ...	26	—	—	—	2	—	—	—	28
Southwick ...	—	—	—	—	—	—	—	—	—
Stoke Doyle ...	5	—	—	—	—	1	—	—	6
Sudborough ...	—	1	—	—	—	—	—	—	1
Tansor ...	1	—	—	—	—	—	—	—	1
Thorpe Achurch	7	—	—	—	4	—	—	—	11
Thrapston ...	8	3	2	—	12	—	2	—	27
Thurning ...	1	—	—	—	—	—	—	—	1
Titchmarsh ...	—	—	—	—	7	—	—	—	7
Twywell ...	—	—	—	—	2	—	—	—	2
Wadenhoe ...	—	—	—	—	—	—	—	—	—
Wakerley ...	—	—	—	—	—	—	—	—	—
Warmington ...	26	—	—	—	—	—	—	—	26
Woodford ...	2	2	—	—	6	—	—	—	10
Woodnewton ...	6	—	—	—	—	—	—	—	6
Yarwell ...	12	—	—	—	—	—	—	—	12
TOTALS	207	11	2	—	69	1	2	—	292

MONTHLY INCIDENCE OF NOTIFIABLE DISEASES.

Month	Measles	Whooping Cough	Scarlet Fever	Pneumonia	Polio	Erysipelas	Totals
January ...	—	1	—	1	—	—	2
February ...	—	4	—	1	—	—	5
March ...	1	3	—	—	—	1	5
April ...	—	2	—	—	—	—	2
May ...	—	1	—	2	—	—	3
June ...	1	2	—	1	—	—	4
July ...	26	6	—	—	—	—	32
August ...	44	22	—	—	—	—	66
September ...	14	6	—	—	—	—	20
October ...	20	11	—	2	1	—	34
November ...	54	2	—	1	—	1	58
December ...	47	9	2	3	—	—	61
Totals ...	207	69	2	11	1	2	292

The Registered Causes of Death were :—

	Male.	Female.	Total.
1. Tuberculosis, respiratory ...	4	0	4
2. Tuberculosis, other ...	0	0	0
3. Syphilitic Diseases ...	0	0	0
4. Diphtheria ...	0	0	0
5. Whooping Cough ...	0	0	0
6. Meningococcal Infections ...	0	0	0
7. Acute Poliomyelitis ...	1	0	1
8. Measles ...	0	0	0
9. Other infective and parasitic diseases ...	0	0	0
10. Malignant Neoplasm, stomach ...	6	3	9
11. Malignant Neoplasm, lung, bronchus ...	0	0	0
12. Malignant Neoplasm, breast ...	0	2	2
13. Malignant Neoplasm, uterus ...	0	1	1
14. Other malignant and lymphatic neoplasms	11	10	21
15. Leukaemia, aleukaemia ...	1	0	1
16. Diabetes ...	0	3	3
17. Vascular Lesions of nervous system ...	15	16	31
18. Coronary Disease angina ...	9	2	11
19. Hypertension with heart disease...	0	2	2
20. Other Heart Diseases ...	23	32	55
21. Other Circulatory Diseases ...	2	1	3
22. Influenza ...	0	0	0
23. Pneumonia ...	1	2	3
24. Bronchitis ...	6	4	10
25. Other Diseases of Respiratory System ...	0	1	1
26. Ulcer of Stomach and Duodenum ...	1	1	2
27. Gastritis, Enteritis and Diarrhoea ...	0	0	0
28. Nephritis and Nephrosis ...	1	2	3
29. Hyperplasia of Prostate ...	4	0	4
30. Pregnancy, Childbirth, Abortion...	0	0	0
31. Congenital Malformation ...	1	1	2
32. Other Defined and Ill-defined Diseases ...	16	11	27
33. Motor Vehicle Accidents ...	1	1	2
34. All Other Accidents ...	4	0	4
35. Suicide ...	1	0	1
36. Homicide and Operations of War ...	0	0	0
	108	95	203

TUBERCULOSIS.

NEW CASES OF TUBERCULOSIS, 1952 (including inward transfers).

<i>Age Groups</i>	<i>Respiratory</i>		<i>Non-Respiratory</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
— 1	—	—	—	—
— 5	—	—	—	—
—15	—	—	—	—
—25	4	2	—	2
—35	3	3	1	—
—45	1	—	—	—
—55	2	—	—	—
—65	1	—	1	—
65+	—	—	—	—
TOTALS ...	11	5	2	2

COMPARATIVE TABLE OF TUBERCULOSIS CASES. TOTAL NUMBER OF CASES ON THE REGISTER.

<i>Year ended 31st December</i>	<i>Pulmonary</i>	<i>Non-Pulmonary</i>	<i>Total</i>
1947	64	32	96
1948	67	34	101
1949	75	38	113
1950	78	40	118
1951	82	39	121
1952	84	41	125

NUMBER OF CASES OF TUBERCULOSIS ON THE REGISTER, DECEMBER 31st, 1952.

<i>Pulmonary</i>			<i>Non-Pulmonary</i>		
<i>Male</i>	<i>Female</i>	<i>Total</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
44	40	84	15	26	41

OXFORD REGIONAL HOSPITAL BOARD.

No. 1 (NORTHANTS.) MASS RADIOGRAPHY UNIT.

THRAPSTON—SECOND SURVEY.

31st December, 1951 to 4th January, 1952.

Held at Ideal Clothiers Ltd., Oundle Road, Thrapston, Northants.

A. Type of Survey—Firms, General Public. (Schools included in General Public.)

B. Percentage Response—Firms 86 %.

C. 1. SUMMARY OF WORK.	Male.	Female.	Total.
No. of miniature films taken	403	470	873
No. of large films taken	27	29	56
No. recalled for clinical examination	3	4	7
No. referred to dispensary	1	2	3

2. RESULTS OF CASES REFERRED TO DISPENSARY.

Tuberculosis :—

Active Pulmonary Tuberculosis—*nil*.

Presumably Inactive Pulmonary Tuberculosis

Requiring Clinic Observation	...	1	...	1	...	2
------------------------------	-----	---	-----	---	-----	---

Inactive Pulmonary Tuberculosis Not

Requiring Clinic Observation	...	—	...	1	...	1
------------------------------	-----	---	-----	---	-----	---

Non-Tuberculous Conditions :—nil.

3. RESULTS OF CASES CLINICALLY EXAMINED BY THE MEDICAL DIRECTOR BUT NOT REFERRED TO DISPENSARY.

Tuberculosis :—

Inactive Pulmonary Tuberculosis	...	1	...	1	...	2
---------------------------------	-----	---	-----	---	-----	---

Non-Tuberculosis Conditions :—

Chronic Bronchitis and Emphysema	...	1	...	—	...	1
----------------------------------	-----	---	-----	---	-----	---

Cardio Vascular Lesions—congenital	...	—	...	1	...	1
------------------------------------	-----	---	-----	---	-----	---

1	...	1	...	2
---	-----	---	-----	---

SUMMARY OF FINDINGS OF NEWLY DISCOVERED CASES OF SIGNIFICANT TUBERCULOSIS IN THE THRAPSTON SURVEY.

Group.	No. X-Rayed.	No. of Newly Discovered Cases of Significant Tuberculosis.			
		Active.	Rate per Thousand.	Inactive.	Rate per Thousand.
Firms	564	—	—	2	—
General Public	292	—	—	—	—
Schools	17	—	—	—	—
Boot and Shoe (included above)	39	—	—	—	—
Total ...	873	—	—	2	2.29

I. DIPHTHERIA IMMUNISATION.

ANNUAL RETURN FOR YEAR ENDED 31st DECEMBER, 1952.

Welfare Authority : Northants. County Council.

Number of Children who had completed a full course of Immunisation at any time up to 31st December, 1952.

Age at 31.12.52	Under 1	1	2	3	4	5-9	10-14	Total under 15
Number Immunised	18	196	234	251	227	1191	1193	3310

II. DIPHTHERIA NOTIFICATIONS AND DEATHS IN RELATION TO IMMUNISATION.

Deaths are those finally registered in the Authority's Area after allowing for inward and outward transfers.

Notifications.			Deaths.		
Age at Date of Notification	Number of cases Notified	Number of cases included in preceding column in which the child had completed a full course of immunisation.	Age at Death.	Number Notified.	Number of cases included in preceding column in which the child had completed a full course of immunisation.
Under 1	0	—		0	—
2	0	—		0	—
3	0	—		0	—
4	0	—		0	—
5 to 9	0	—		0	—
10 to 14	0	—		0	—
Total	0	—	Total	0	—

